



# DEEP INELASTIC SCATTERING (DIS) AND TMD'S

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# TABLE OF CONTENTS

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01 BASICPROCESS

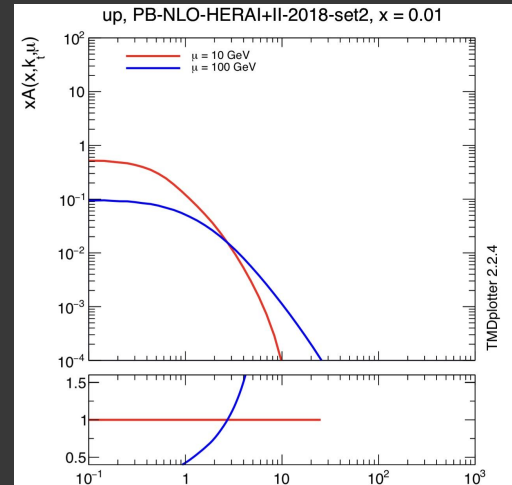
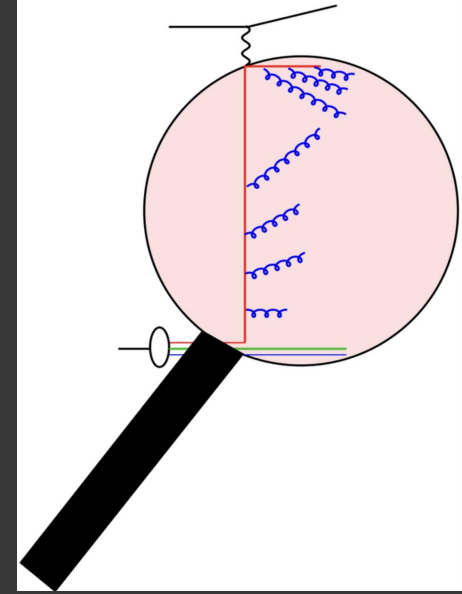
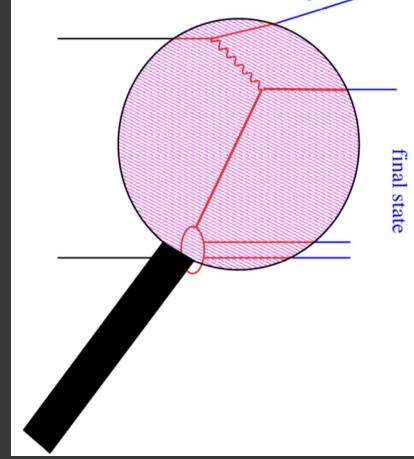
02 PLOTS

03 TOTAL CROSS SECTION

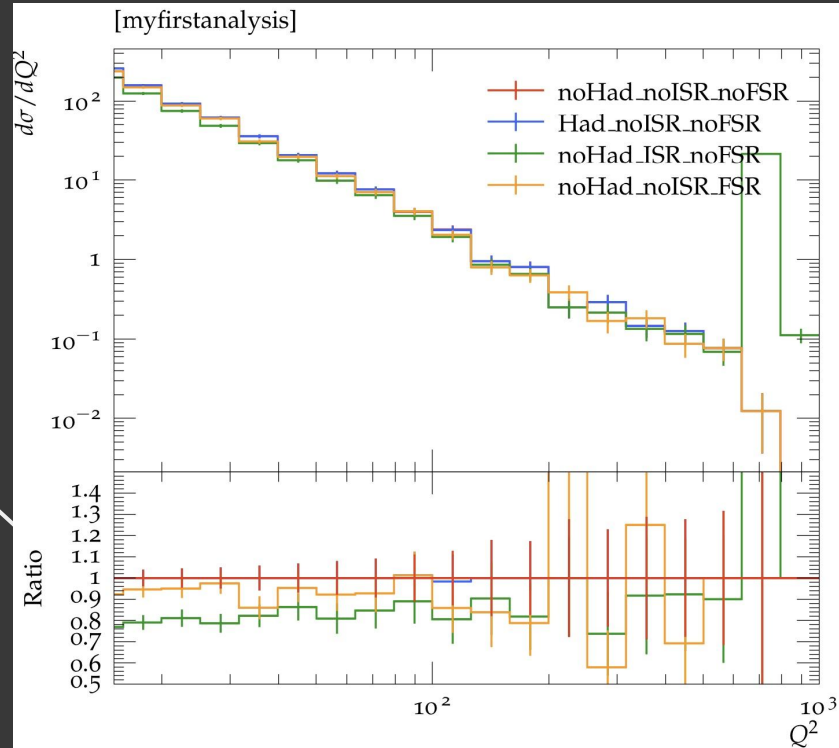


# BASICPROCESS

- Goal : to study effect of initial state parton shower
- using simulation programs which applying TMD's



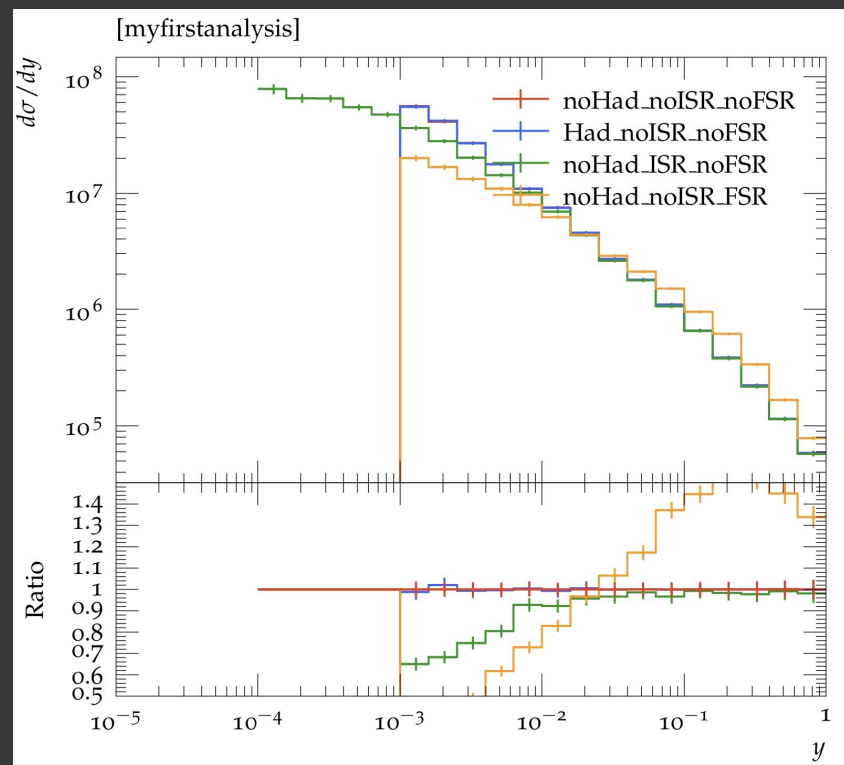
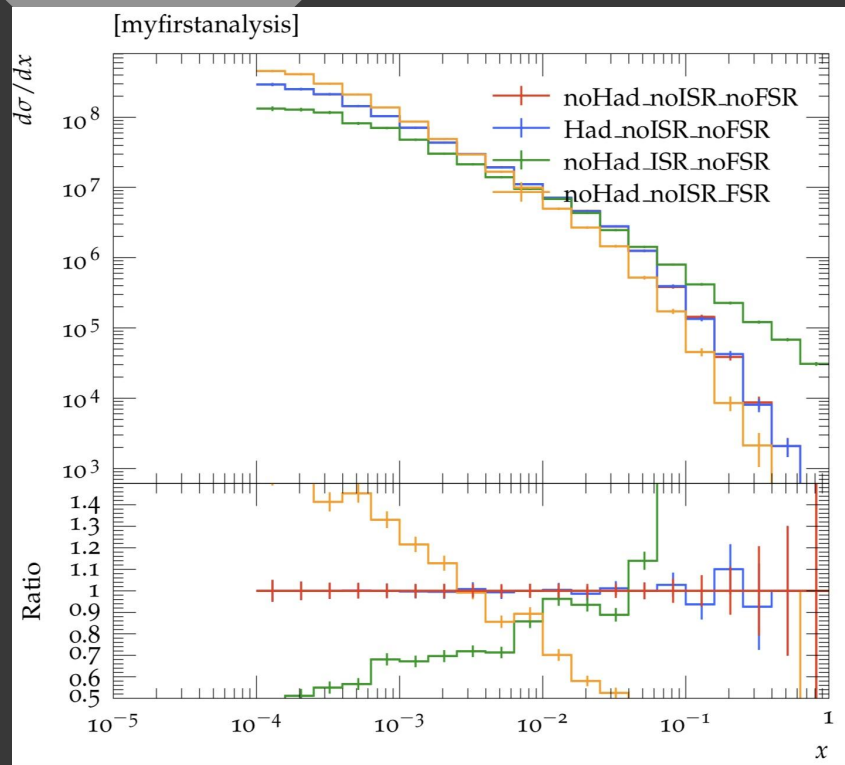
# PLOTS



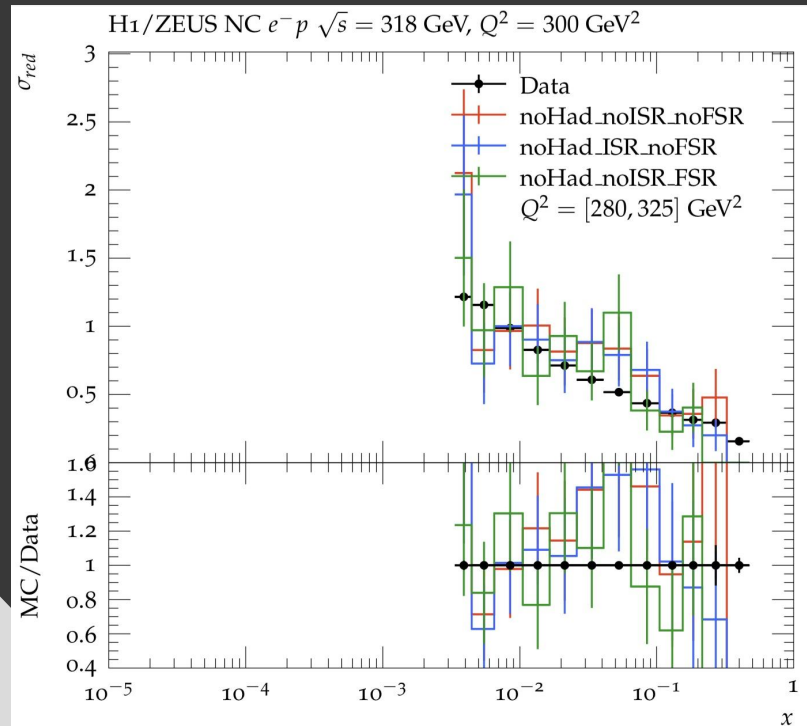
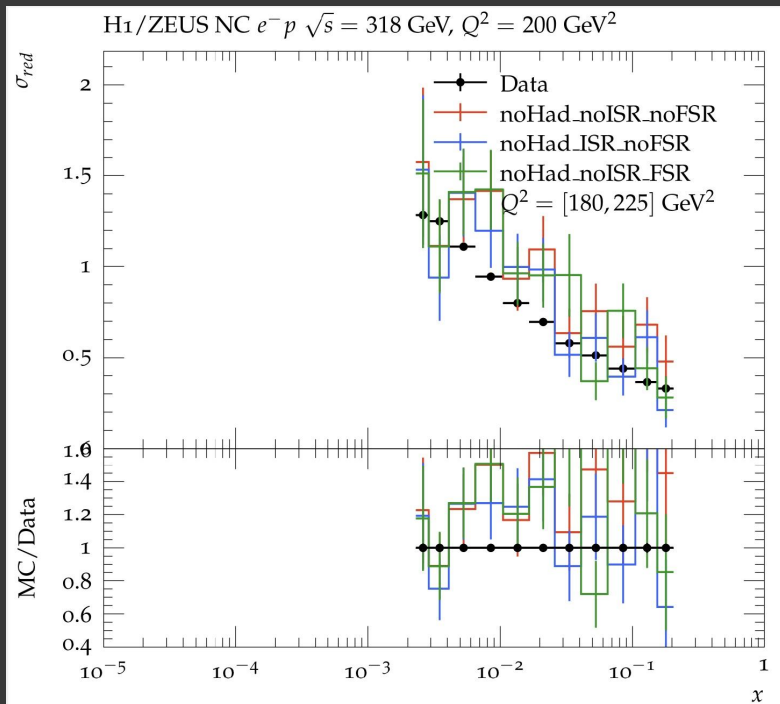
—> Cross section depends on initial final states shower

—> first time initial state parton shower with TMD's studied

# PLOTS



# TOTAL CROSS SECTION



Thank you for listening

